REMARKS

Claims 1-19 are pending in the application.

Claims 15, 17, and 19 have been canceled herein.

Claims 1-19 are rejected under 35 U.S.C. 102 as being anticipated by Alperovich et al. (U.S. Patent 6,038,445) (Alperovich).

In rejecting claim 1 in the Office Action as being anticipated by Alperovich, it appears that the HLR 30 in Alperovich is being equated with the home server and service control database recited in claim 1, the home MSC 20 with the home agent, the visited MSC 20b with the foreign agent, the visited mobile network with the foreign server, and the subscriber data with the service profile.

However it is respectfully submitted that Claim 1 also recites that <u>the home server sends a service profile to both the home and foreign agents</u>, unlike Alperovich, <u>in which HLR sends subscriber data to the visited MSC 20b only</u>.

The reason for this difference will be described in detail below:

Alperovich discloses a method for providing service area dependent mobile service to a mobile subscriber within a mobile telecommunications network in which a mobile switching center, which serves a particular service area, performs a location update with a home location register, which when the location update signal is received from the serving mobile switching center, analyzes the received data to determine the identity of the service area currently serving the subscriber data are transmitted to the mobile switching center to provide service area independence from the mobile service to the mobile station.

In contrast applicant's claimed invention provides a user terminal registers itself with a foreign agent before initiating a communication session, which causes the service profile setting

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controller (service profile setting means) in the home server of that user terminal to send a relevant initial service profile to both home agent and the foreign agent.

When some control conditions described in the service profile are met, the service profile updating controller (service profile updating means) retrieves a new service profile from a service control database and sends it to the home and foreign agents for updating. Both the home and foreign agents then replace the initial service profile with the new profile that they have received.

In contrast to applicant's claimed invention Alperovich describes a method of providing a mobile telecommunications subscribers with service area dependent services. When a location update signal for a mobile station entering a certain service area is received from the mobile switching center (MSC) in that area, the home location register (HLR) analyzes the received data to identify the current service area where the mobile station is visiting and retrieves the subscriber data correlated with that particular service area. This service area dependent subscriber data is delivered to the visited MSC to provide service area dependent service to the mobile station.

The claimed network system controls communication between a user terminal and a peer terminal, as recited in the preamble, and the peer terminal is coupled to the home agent ("a home agent, coupled to the peer terminal..."). The home server is designed to send the same service profile to both home and foreign agents in order to control communications between the two terminals through their associated two agents.

In Alperovich's system, on the other hand, the HLR 30 sends retrieved service area dependent subscriber data to a remote MSC 20b that is currently serving the roaming mobile station 60, but not to the home MSC 20 of the mobile station 60, since the home MSC 20 does

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not need such data. By definition, service area dependent subscriber data of Alperovich acts only on the visited network, whereas service profiles in the claimed invention act essentially on both the home network and visited network.

Because of the differences described above, the HLR 30 and service area dependent subscriber data of Alperovich should not be equated with the claimed home server and service profiles, respectively. Thus the Alperovich reference fails to disclose or suggest the claimed home server, home agent and service profiles recited in claim 1.

For at least the foregoing reasons it is respectfully submitted that independent claim 1 and 2-14 directly or indirectly dependent upon claim 1 are allowable over the prior art.

Independent claim 16 is directed to a home server having a service profile setting means and a service profile updating means.

The service profile setting means sets retrieved service profile to "network nodes that tunnel and detunnel packets for delivery to the user terminal". In the context of the present invention, the "network nodes" refer to a home agent and a foreign agent. Service profiles are sent to those network nodes for initial setting and updating by the service profile setting means and service profile updating means.

For at least the same reasons as discussed above for claim 1, such features of the service profile setting means and service profile updating means are neither disclosed nor suggested by the Alperovich reference.
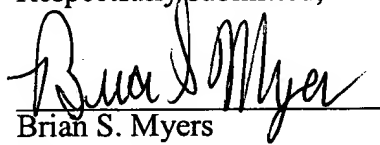
Independent claim 18 is directed to a home agent having service profile updating means for updating a service profile. For at least the same reasons as discussed above for claim 1, the Alperovich reference fails to show or suggest the service profile updating means recited in claim 18.

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Therefore, it is respectfully submitted that claims 1-14, 16, and 18 are patentably distinguishable over the prior art and these claims should be allowed.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

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ES:BSM:jh

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